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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/738,411	12/17/2003	Derrick B. McKie	SC63U-US	8908
60723	7590	06/20/2007		
AVON PRODUCTS, INC. AVON PLACE SUFFERN, NY 10901			EXAMINER WANG, SHENGJUN	
			ART UNIT 1617	PAPER NUMBER
			MAIL DATE 06/20/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/738,411

Applicant(s)

MCKIE ET AL.

Examiner

Shengjun Wang

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 March 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) 22 and 26 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 and 23-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application
- ☐ Other: _____.

DETAILED ACTION

1. Claim 26 is withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, Claim 22 is withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on March 19, 2007.
2. Applicant's election without traverse of invention group I in the reply filed on March 19, 2007 is acknowledged.
3. Claims 24-25 is herein examined with the elected species in view the fact that increased skin pore size and/or increased sebum output are closely related to acne. See, the references cited in the rejection.
4. As to the species election of compounds, applicants elected compounds of the formula as defined in claim 1, wherein R and X are hydrogen, and Y1 and Y2 are independently, I, Cl, Br, or F. Applicants also identified 2-25 read on elected species. It is noted that compounds recited in claims 6 and 7 are monohalogenated salicylic acids. Therefore, the elected species would read on the monohalogenated salicylic acid recited in claims 6 and 7.

Claim Rejections 35 U.S.C. 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-7, 23-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Beerse et al. (US 6,294,186, IDS), in view of Duennenberger et al. (US 3,708,527, IDS), Perricone (US

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6,743,433), and Wiegand et al. (US 2002/0151527, IDS).

Beerse et al. teaches a method of treating or preventing dandruff and acne comprising applying a topical composition comprising a benzoic acid derivatives, wherein the benzoic acid have hydroxyl, or halogen substituents at 2-6 positions, halogenated salicylic acids, such as 5-chlorosalicylic acid, 5-bromosalicylic acid, 5-fluorosalicylic acid, etc, are listed as preferred compounds. The amount of the benzoic acid derivative in the composition is in the range of 0.01-20%. See, particularly, the abstract; col. 3, lines 54-62; col. 6, lines 5-19; and the claims.

Beerse et al. do not teach expressly the employment of the halogenated salicylic acids for treating acne or the skin conditions associated with the acne.

However, Duennenberger et al. teaches that the salt of 5-chlorosalicylic acid is known to be an antimicrobial agents and useful in cosmetic composition. Wiegand et al. disclosed that sebum output, and bacterial infection is closely related to acne. Further, acne vulgaris would greatly affect skin appearance. See, particularly paragraphs 0007-0010. Perricone reveals that acne is associated with skin pore size and treatment of acne is also beneficial in reducing pore size. See, col. 3, lines 15-25.

Therefore, it would have been obvious to one of ordinary skill in the art, at the time the claimed invention was made, to employ the particular halogenated salicylic acids disclosed by Beerse et al. for treating subject with acne and/or dandruff.

A person of ordinary skill in the art would have been motivated to employ the particular halogenated salicylic acids disclosed by Beerse et al. for treating subject with acne and/or dandruff because the halogenated salicylic acid is known to be useful for treatment of acne.

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Furthermore, one of ordinary skill in the art would have expected the halogenated salicylic acid be useful against acne as an antimicrobial agent.

Finally, the optimization of a result effective parameter, e.g. the effective amounts of the active ingredients in a therapeutical method, is considered within the skill of the artisan. See, In re Boesch and Slaney (CCPA) 204 USPQ 215.

Claims 8 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Beerse et al. (US 6,294,186, IDS), in view of Duennenberger et al. (US 3,708,527, IDS), Perricone (US 6,743,433), and Wiegand et al. (US 2002/0151527, IDS), for reasons discussed above, and in further view of O'Halloran et al. (US 6,168,798).

The prima references as a whole, do not teach expressly the employment of salicylic acid for the treatment of acne and associated conditions.

However, O'Halloran et al. teach that b-hydroxyl-carboxylic acid, particularly, salicylic acid is useful for treating skin conditions associated with acne. The effective amount of salicylic acid is about 0.1% to about 15% by weight of the total composition. See, particularly, the abstract, col. 2, lines 22-30, and the claims.

Therefore, it would have been prima facie obvious to a person of ordinary skill in the art, at the time the claimed the invention was made, to further employ salicylic acid with the halogenated salicylic acid for treatment of acne and associated skin conditions.

A person of ordinary skill in the art would have been motivated to further to further employ salicylic acid with the halogenated salicylic acid for treatment of acne and associated skin conditions because it is prima facie obvious to combine two compositions each of which is

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taught in the prior art to be useful for same purpose in order to form third composition that is to be used for very the same purpose; idea of combining them flows logically from their having been individually taught in prior art. See In re Kerkhoven, 205 USPQ 1069.

Claims 10-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Beerse et al. (US 6,294,186, IDS), in view of Duennenberger et al. (US 3,708,527, IDS), Perricone (US 6,743,433), and Wiegand et al. (US 2002/0151527, IDS), for reasons discussed above, and in further view of Gormley et al. (US 6,174,892), Menon et al. (WO 01/66080).

The prima references as a whole, do no teach expressly teach the employment of phytol, finasteride, and/or retinol for the treatment of acne and associated conditions.

However, Gormley et al. teach that 5 α -reductase inhibitors, such as finasteride, are useful for treatment of acne. See, particularly, the abstract, and the claims. Monen et al. teaches that phytol is useful for treatment of a variety of skin conditions, including acne and associated condition. See, particularly, page 2, line 20 to page 3, line 15. Phytol is particularly useful with other well-known skin caring agents, such as retinoid, salicylic acid, 5-alpha-reductase inhibitor, such as saw palmetto and finasteride. See, particularly, pages 7-9.

Therefore, it would have been prima facie obvious to a person of ordinary skill in the art, at the time the claimed the invention was made, to further employ 5 α -reductase inhibitors, such as finasteride, phytol, and/or retinol, with the halogenated salicylic acid for treatment of acne and associated skin conditions.

A person of ordinary skill in the art would have been motivated, to further employ 5 α -reductase inhibitors, such as finasteride, phytol, and/or retinol, with the halogenated salicylic acid for treatment of acne and associated skin conditions because it is prima facie obvious to


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combine two compositions each of which is taught in the prior art to be useful for same purpose in order to form third composition that is to be used for very the same purpose; idea of combining them flows logically from their having been individually taught in prior art. See In re Kerkhoven, 205 USPQ 1069. Note the Anti-ageing active ingredients recited in claim 20 are defined to include anti-wrinkle agent, such as retinoid. See, page 1, lines 22-23, page 13, lines 10-20 of the specification.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shengjun Wang whose telephone number is (571) 272-0632. The examiner can normally be reached on Monday to Friday from 7:00 am to 3:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sreeni Padmanabhan, can be reached on (571) 272-0629. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


SHENGJUN WANG
Primary Examiner
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